2 O 2 4 Examining new issues for the year

## Assignment 1 PLC circuit design

Assignment 1 Steering Committee

## Assignment content

- (1) Design the ladder circuit reference to the time chart.
- (2) Follow the specifications and instructions (timer settings, count timing, etc.).
- (3) Operate repeatedly (twice or more) according to the time chart.
  - Design ladder circuit after the final circuit, and Do not modify the existing circuit such as the lamp check circuit.
  - \* Buttons are SB1 (X000), SB2 (X001), SB3 (X002), SB4 (X003); Lamps are HL1 (Y010), HL2 (Y011), HL3 (Y012), HL4 (Y013)
- [TM] use only basic commands (application commands cannot be used), but edge detection (P) can be used.
- [TL] Basic and application commands can be used (no restrictions)
  - Complete data reading and writing with FL-NET communication destinations.
  - For communication settings, refer to the FL-NET communication area diagram



